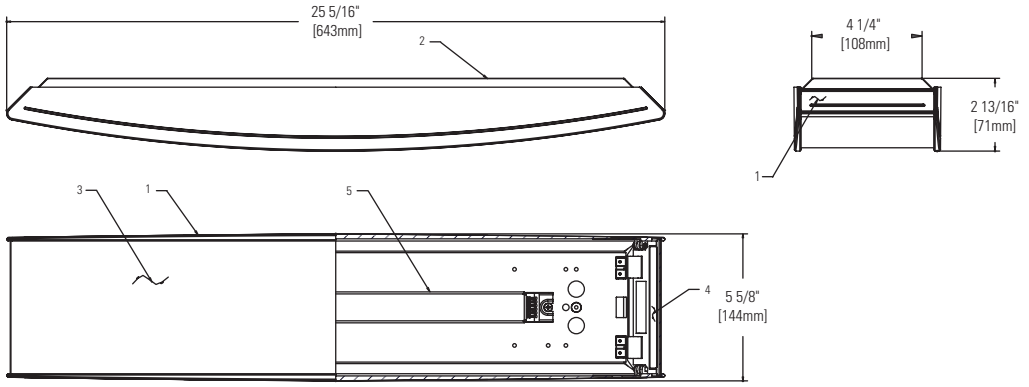


Fixture Ordering Information

Single Lamp

Catalog No.	Description	Finish	Wattage	Volts	Lamp
FB5114U	Linear Bow Surface Mount	Satin aluminum	14W	120-277V	(1) T5
FB5114UEM	Linear Bow Surface Mount w/Emergency	Satin aluminum	14W	120-277V	(1) T5

Multi Lamp

Catalog No.	Description	Finish	Wattage	Volts	Lamp
FB5214U	Linear Bow Surface Mount	Satin aluminum	14W	120-277V	(2) T5

Diffuser Ordering Information

Catalog No.	Description	Finish	**Dimensions** (Nominal)
FBA5	Acrylic Bow Diffuser	Opal	5" X 24"
FBG5	Glass Bow Diffuser	Opal	5" X 24"

Features

1. **Housing Sides and ends:** Die-cast aluminum.
2. **Back Pan:** Stamped 18ga. (0.048") sheet metal.
3. **Diffuser:** Bowed opal glass or opal acrylic
4. **Optics:** Internal white acrylic diffuser covers slots on housing sides and ends.

Mounting

Fixture Mounts directly to 4" octagonal junction box.

Electrical

5. Ballast

A. Electronic 120V-277V	1 Lamp	2 Lamp
Voltage	120V 277V	120V 277V
Total Input Watts	19W 19W	34W 34W
Max. Line Current (Amps)	0.16A 0.07A	0.29A 0.13A
Power Factor	>0.98 >0.98	>0.98 >0.90
THD	<20% <20%	<10% <10%
Min. Starting Temp	0°F, -18°C	0°F, -18°C

B. Emergency (1-lamp fixture only)
Bodine LP550 emergency battery pack with integral test light and switch.

6. **Luminaire-Ballast Disconnect:** Meets NEC 410.130(G) and CEC Disconnect Requirements.

Lampholders

Fluorescent: Mini Bi-Pin, G5 Base

Lamping (by others)

General Electric	Osram/Sylvania	Philips
(1) 14W T5 Linear Fluorescent		
F14W/T5/*/ECO	FP14/*	F14T5/*/ALTO
*Manufactures Color Temperature Designation		

Finish

Satin Aluminum

Labels

cULus Listed. Suitable for Damp Locations.
ULus Listed, Suitable for Dry Locations for Emergency Units only.

Job Information **Type:**

Job Name:

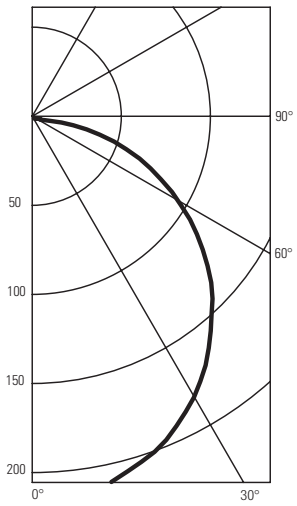
Cat. No.:

Lamp(s):

Notes:

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2009 Philips Group • B0209

FB5214U-FBG5



DECORATIVE LUMINAIRE CAT. # FB5214U-FBG5 2-14W PHILIPS T-5 LAMPS. LUMEN RATING = 1200 LMS.
BALLAST/ ADVANCE ICN-2S28

Candlepower Summary

Angle	Along	22.5.	45	67.5	Across.	Output Lumens
0	220	220	220	220	220	
5	218	219	219	218	219	21
15	210	211	210	210	210	60
25	196	197	196	195	195	90
35	175	175	174	173	173	109
45	148	148	147	146	146	114
55	117	117	116	115	115	104
65	84	84	83	82	81	82
75	50	50	49	49	48	52
85	20	20	19	17	16	21
90	10	10	9	7	6	
95	4	4	4	4	4	5
105	2	2	2	3	3	2
115	2	1	2	2	2	2
125	1	1	1	2	2	1
135	1	1	1	1	1	1
145	1	1	1	1	1	1
155	1	1	1	1	1	1
165	1	1	1	1	1	0
175	1	1	1	1	1	0
180	1	1	1	1	1	

Coefficients of Utilization

Ceiling	80%				70%				50%			30%			10%			
Wall	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	Zonal Cavity Method - Effective Floor Reflectance = 20%																	
0	.33	.33	.33	.33	.32	.32	.32	.32	.31	.31	.31	.29	.29	.29	.28	.28	.28	.27
1	.30	.29	.28	.27	.29	.28	.27	.26	.27	.26	.25	.26	.25	.24	.25	.24	.24	.23
2	.27	.25	.23	.22	.27	.25	.23	.22	.24	.22	.21	.23	.21	.20	.22	.21	.20	.19
3	.25	.22	.20	.18	.24	.22	.20	.18	.21	.19	.18	.20	.19	.17	.19	.18	.17	.16
4	.23	.20	.17	.16	.22	.19	.17	.15	.19	.17	.15	.18	.16	.15	.17	.16	.15	.14
5	.21	.17	.15	.13	.20	.17	.15	.13	.16	.14	.13	.16	.14	.13	.15	.14	.12	.12
6	.19	.16	.13	.11	.19	.15	.13	.11	.15	.13	.11	.14	.12	.11	.14	.12	.11	.10
7	.18	.14	.12	.10	.17	.14	.11	.10	.13	.11	.10	.13	.11	.10	.12	.11	.09	.09
8	.16	.13	.10	.09	.16	.12	.10	.08	.12	.10	.08	.12	.10	.08	.11	.09	.08	.08
9	.15	.11	.09	.07	.15	.11	.09	.07	.11	.09	.07	.10	.09	.07	.10	.08	.07	.07
10	.14	.10	.08	.07	.14	.10	.08	.06	.10	.08	.06	.09	.08	.06	.09	.08	.06	.06

Room Cavity Ratio

Determined In Accordance With Current IES Published Procedures
Luminaire Input Watts = 33.0

Zonal Lumens and Percentages

Zone	Lumens	% Lamp	%Luminaire
0-30	170	7.12	25.60
0-40	279	11.66	41.95
0-60	497	20.73	74.56
0-90	653	27.23	97.93
40-90	373	15.57	55.98
60-90	155	6.50	23.37
90-180	13	.58	2.07
0-180	667	27.80	100.00

** Efficiency = 27.8%**

Certified Test Report no. 3577FR
Computed by LSI Program **TEST-LITE**
SC= 1.3

Prepared For:
Lightolier
Fall River, MA

TESTED ACCORDING TO IES PROCEDURES. TEST DISTANCE EXCEEDS FIVE TIMES THE GREATEST LUMINOUS OPENING OF LUMINAIRE.

Job Information **Type:**

631 Airport Road, Fall River, MA 02720 • (508) 679-8131 • Fax (508) 674-4710
We reserve the right to change details of design, materials and finish.
www.lightolier.com © 2009 Philips Group • B0209